REMARKS

Restriction Requirement

In the Restriction Requirement mailed July 28, 2005, the Examiner required restriction to one of the following Groups:

I.   Claims 1 to 14, 16 to 33, 35 to 41, 43 to 68, 70 to 87, 89 to 95 and 97 to 108, drawn to an assay, classified in class 435, subclass 7.2.

II.   Claims 15, 34, 42, 69, 88, and 96, drawn to a compound of unspecified constitution, classification undeterminable.

Applicants elect **Group I**, Claims 1 to 14, 16 to 33, 35 to 41, 43 to 68, 70 to 87, 89 to 95 and 97 to 108, without traverse, for further prosecution. Group II Claims 15, 34, 42, 69, 88, and 96 are withdrawn, but Applicants reserve the right to pursue the subject matter at a future date.

Election of Species Requirement

The Examiner required election of species due to the following reason: Claims 1 to 108 are generic to a plurality of disclosed patentably distinct species of TMR as listed in Figures 1 and 2, TMR signal as listed in paragraphs 0066 to 0079, detectable molecule as listed in paragraph 00112, and cell as listed in paragraph 00100.

Applicants elect a GPCR as the TMR, a GPCR signal as the TMR signal, an optically detectable molecule as the detectable molecule, and a eukaryotic cell as the cell. This election is made without traverse with the understanding that should allowable subject matter be found, Applicants are entitled to consideration of a generic claim encompassing additional species. Applicants submit that Claims 1 to 14, 16 to 33, 35 to 41, 43 to 68, 70 to 87, 89 to 95 and 97 to 108 read on the elected species.

Please direct any calls in connection with this application to the undersigned at (415) 781-1989.

Respectfully submitted,

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Dated: _Aug. 29, 2005_

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Filed Under 37 C.F.R. § 1.34